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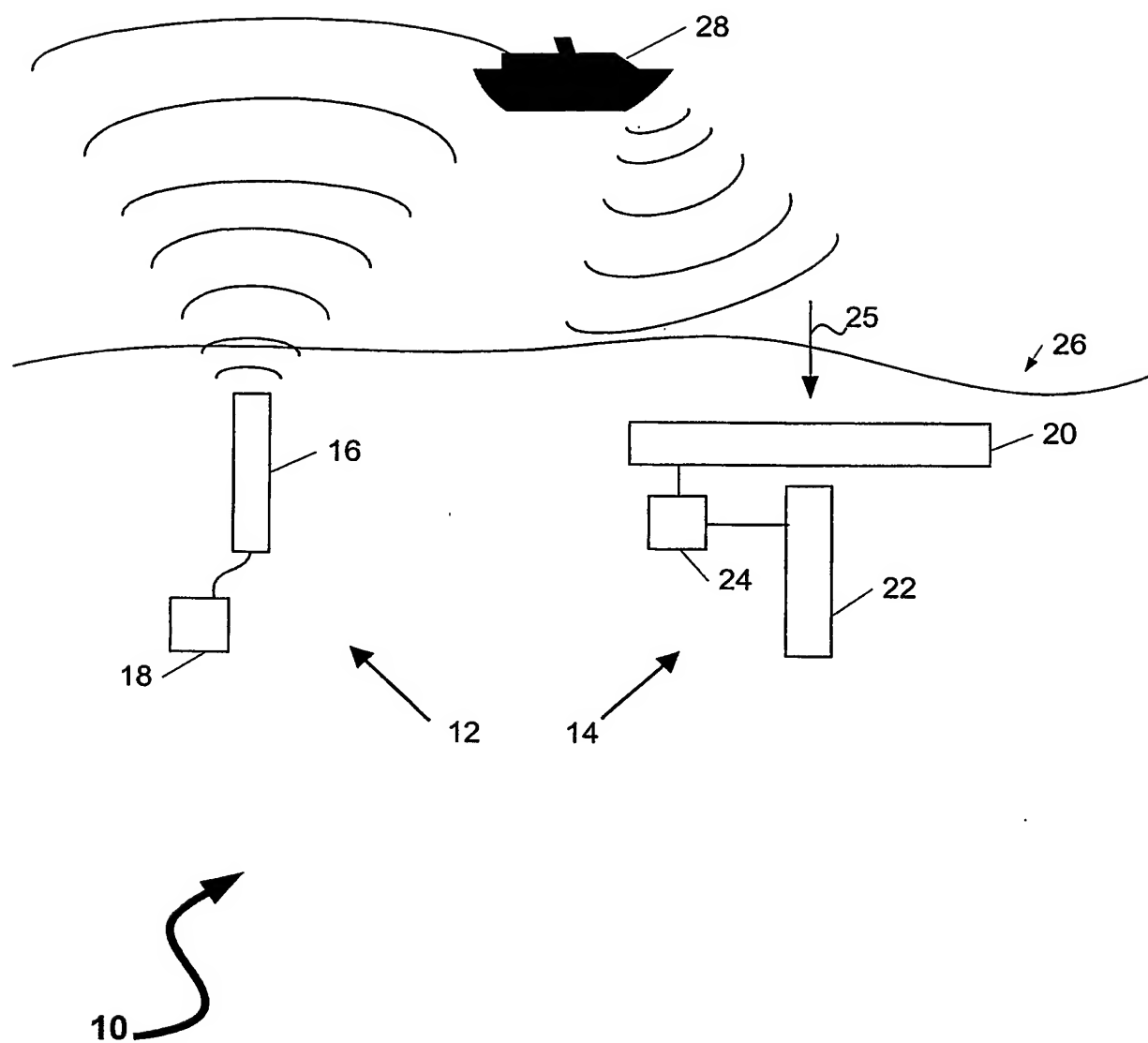
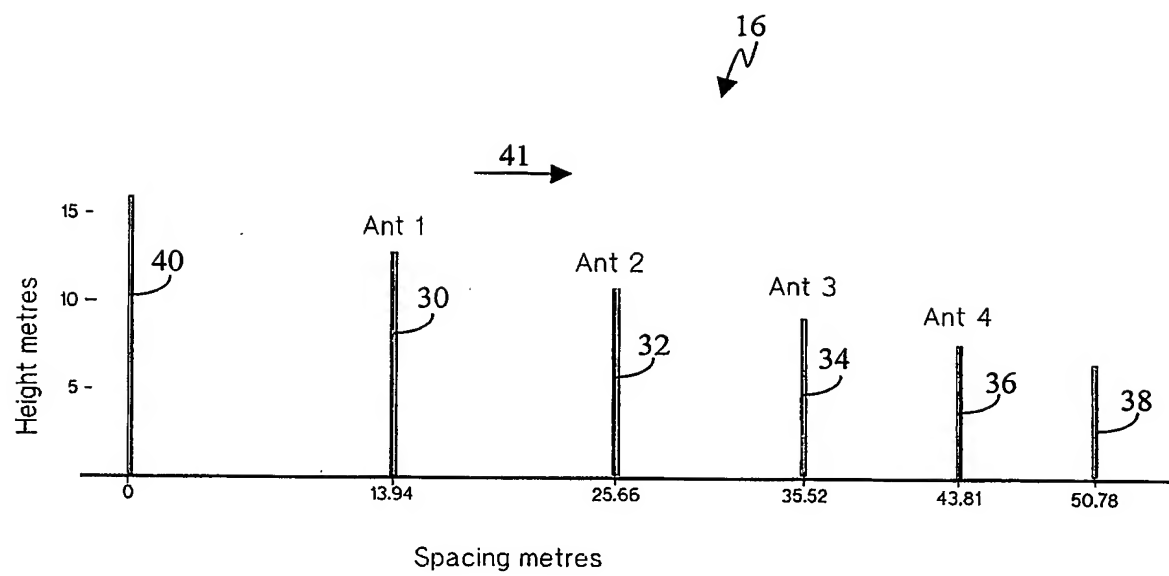


Figure 1

**Figure 2**

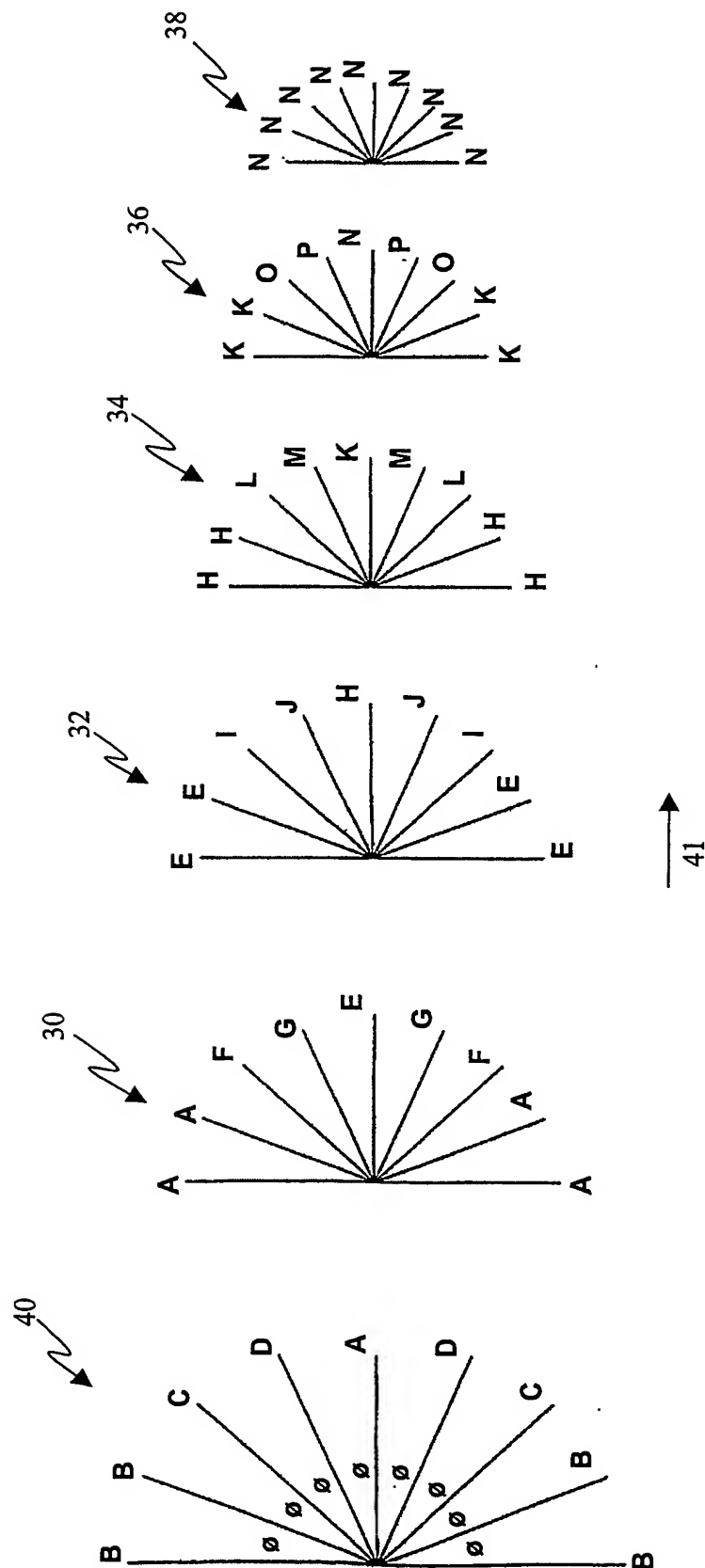


Figure 3

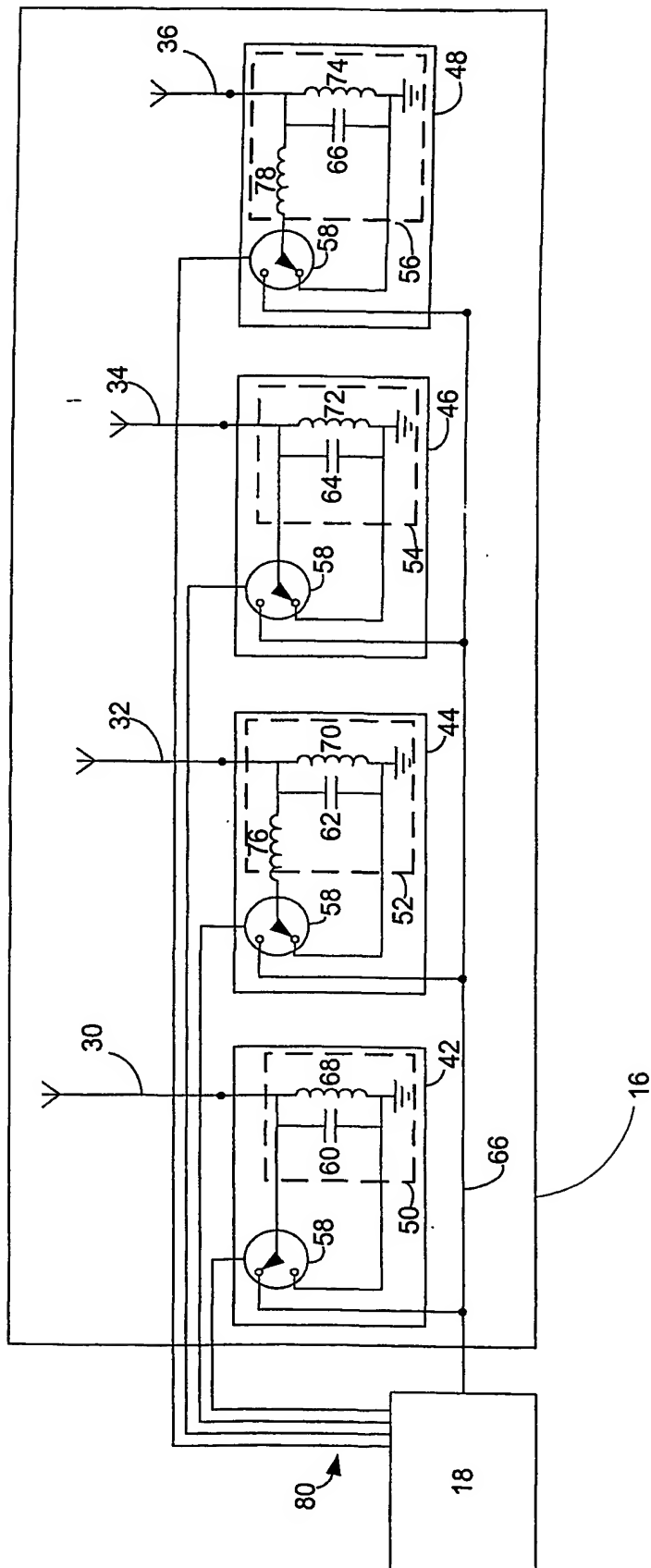


Figure 4

Log-periodic Monopole Antenna.

Matched VSWR.

Antenna 1. VSWR	Antenna 2. VSWR	Antenna 3. VSWR	Antenna 4. VSWR

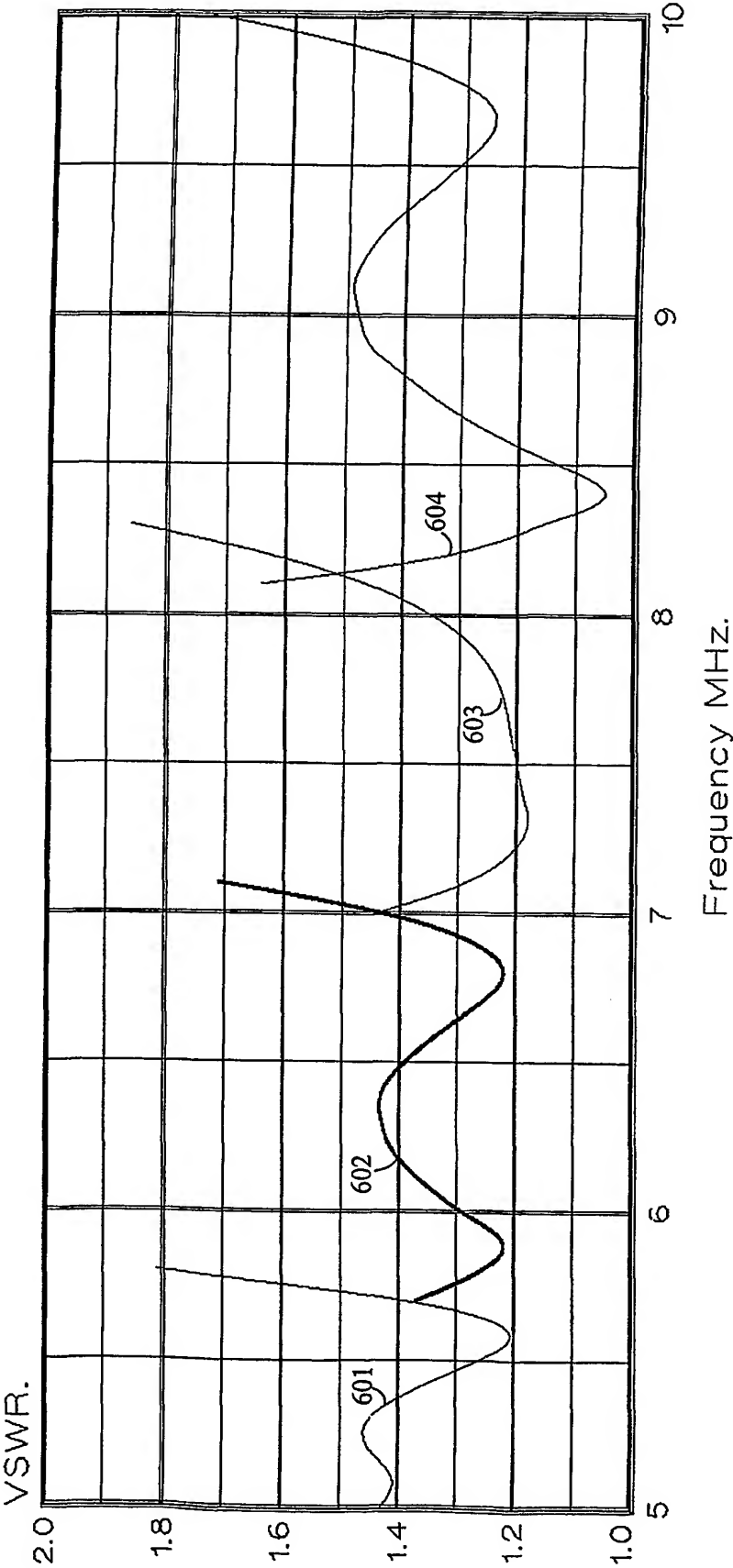


Figure 5

Log-periodic Monopole Antenna.
Azimuth Pattern at 5.1 MHz.

Pattern
Calculated

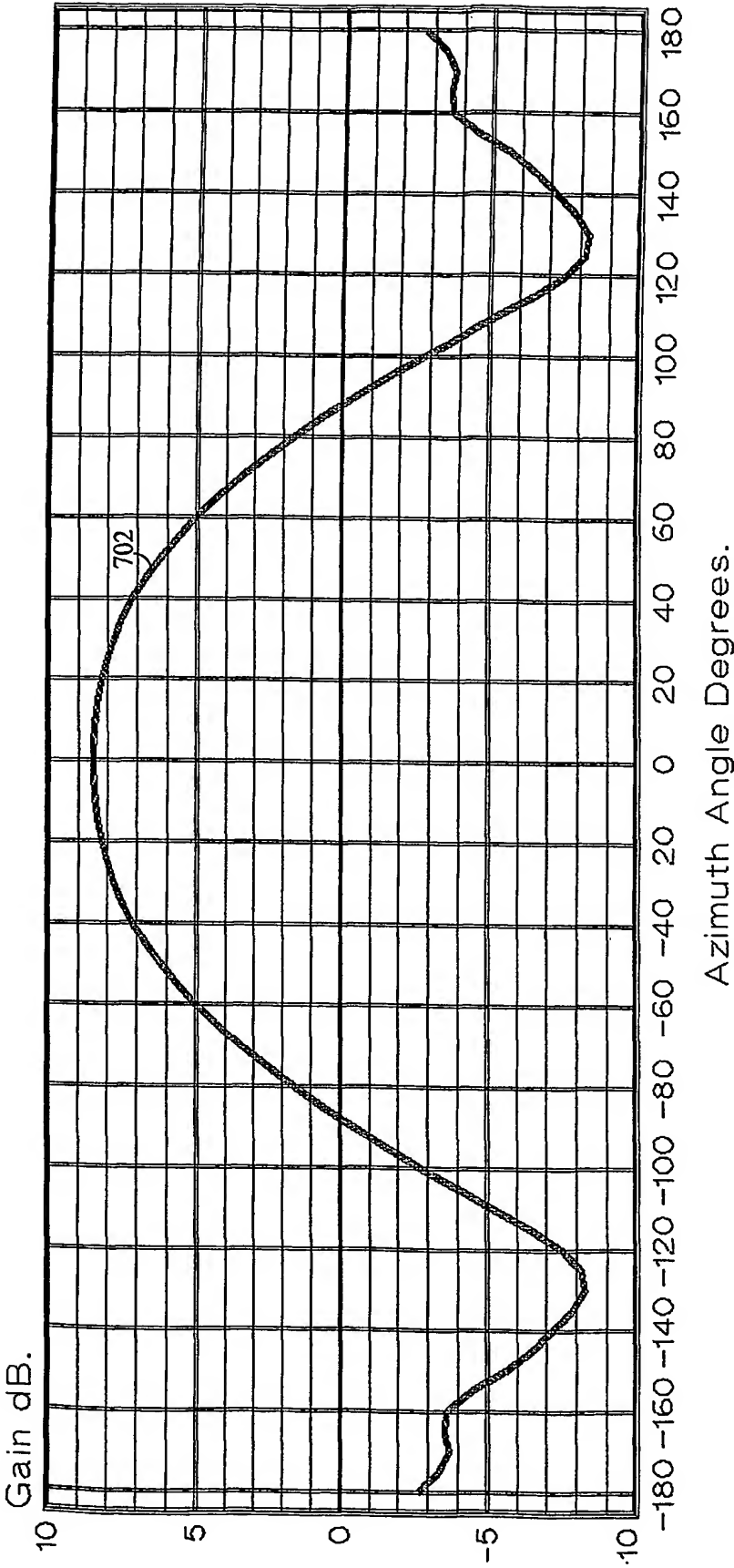


Figure 6

Log-periodic Monopole Antenna.
Azimuth Pattern at 6.1 MHz.

Pattern
Calculated
Pattern
Measured

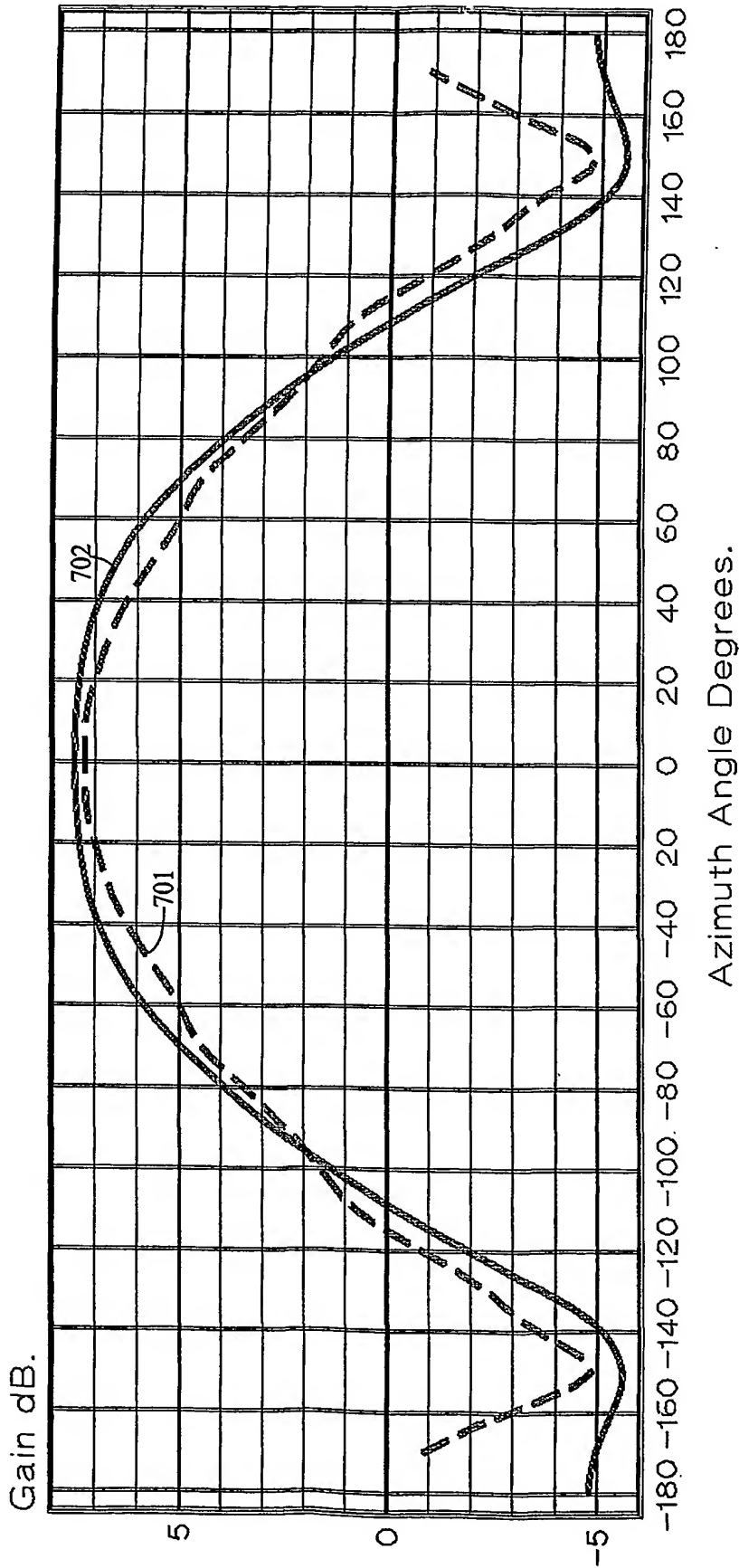


Figure 7

Log-periodic Monopole Antenna
Azimuth Pattern at 7.1 MHz.

Pattern :
Calculated ———
Measured - - -

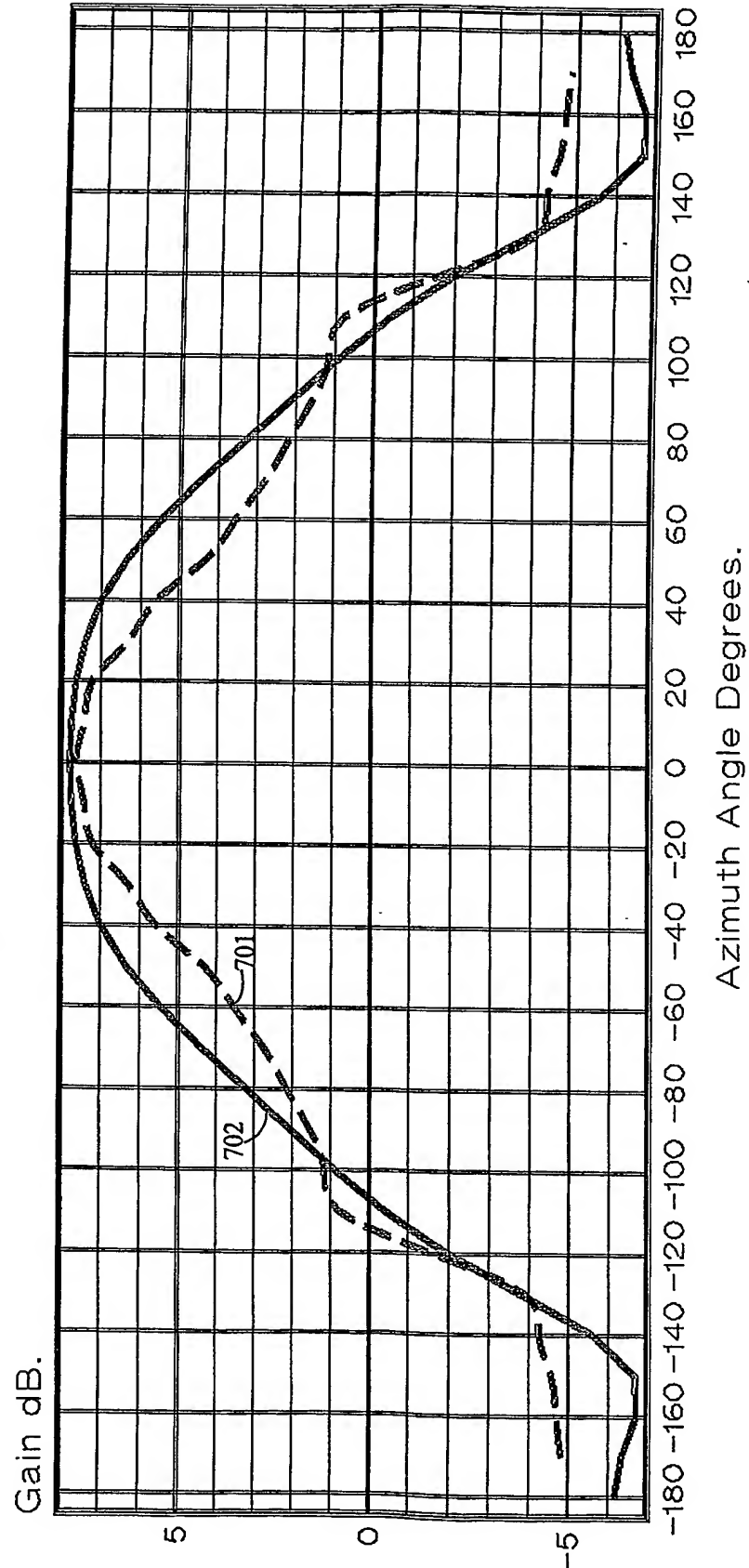


Figure 8

Log-periodic Monopole Antenna.
Azimuth Pattern at 8.1 MHz.

Pattern :
Calculated Measured

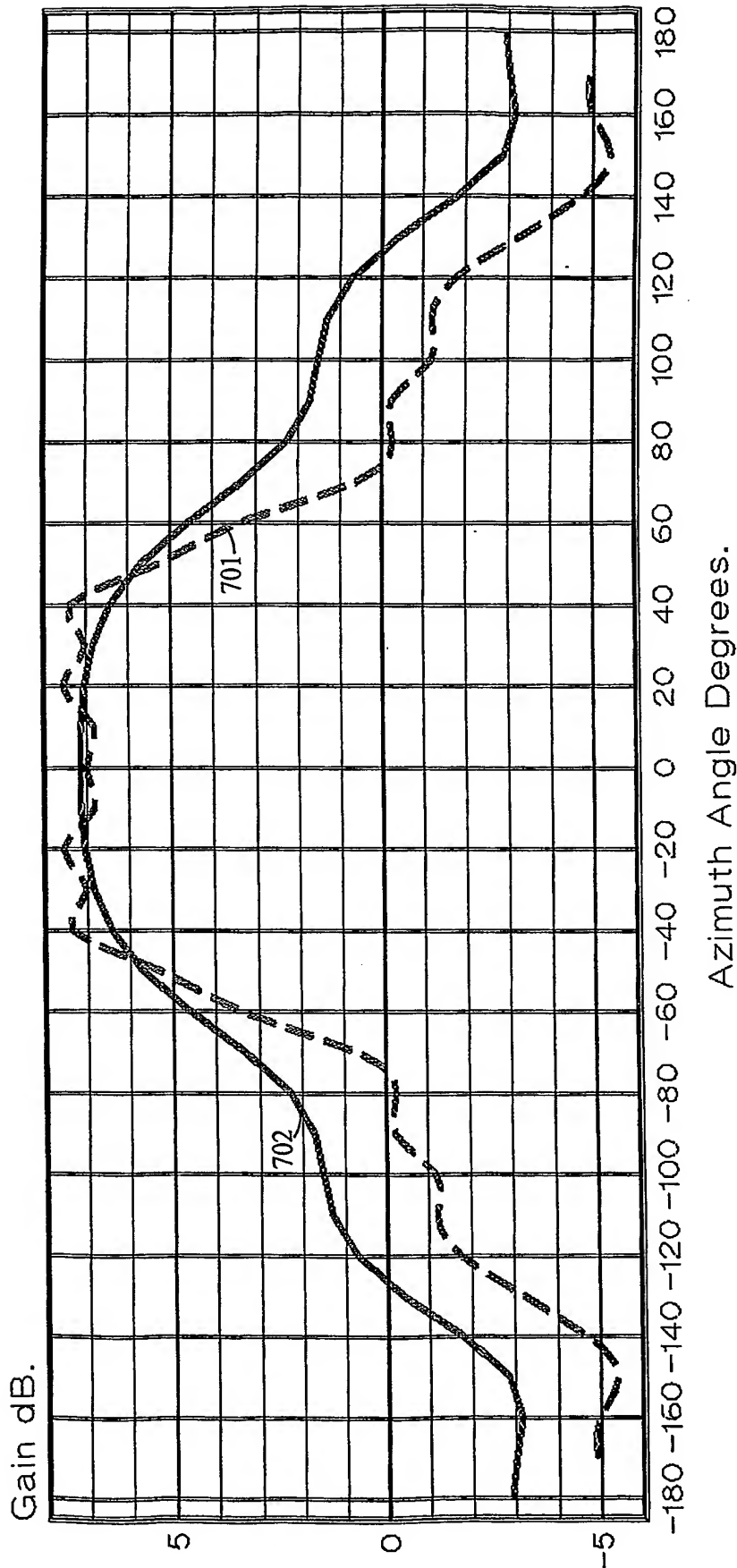


Figure 9

Log-periodic Monopole Antenna
Azimuth Pattern at 9.1 MHz.

Pattern :
Calculated
Measured

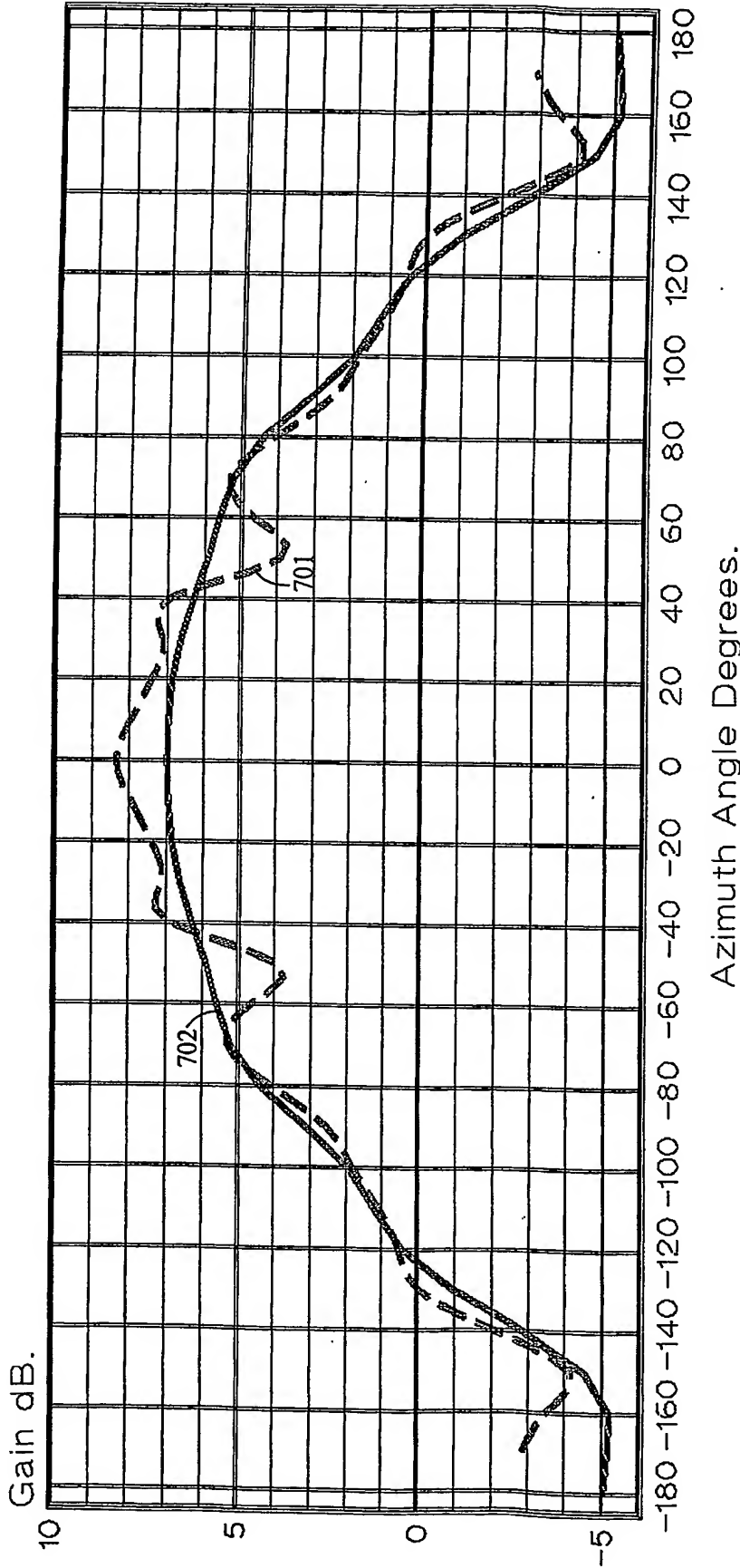
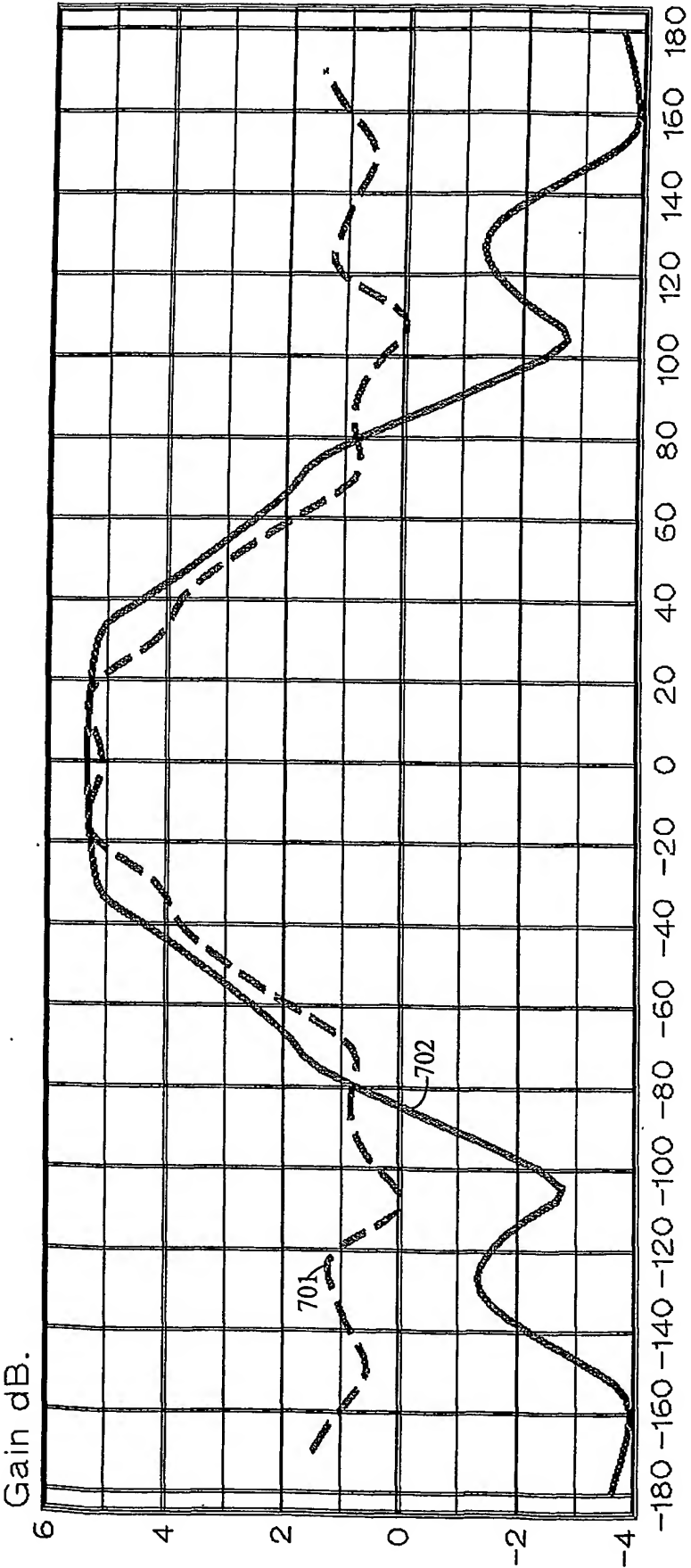


Figure 10

Log-periodic Monopole Antenna
Azimuth Pattern at 10.1 MHz.

Pattern
Calculated
Pattern
Measured



Azimuth Angle Degrees.

Figure 11